

Claims

- 5        1. A plug connector comprising a housing including an accommodation chamber, and a support plate which is arranged in said accommodation chamber and divides the latter in first and second sections, a first type of contact being arranged in said first section and a second type of contact being arranged in said second section, said second type of contact being a USB coupling.
- 10        2. The plug connector according to Claim 1, wherein two USB couplings are provided which are mounted to said support plate so as to face away from each other.
- 15        3. The plug connector according to Claim 2, wherein said USB couplings are surrounded by one shield each, a spring element being provided which connects said shields with each other.
- 20        4. The plug connector according to Claim 3, wherein said two USB couplings are surrounded by an insulating body which is fastened to said support plate by means of two solder-in clips.
- 25        5. The plug connector according to Claim 4, wherein said insulating body is provided with a cut-out, said spring element projecting through said cut-out and resting against said housing.
- 30        6. The plug connector according to Claim 5, wherein said spring element is provided with a raised middle section projecting through said cut-out towards outside.
- 35        7. The plug connector according to Claim 6, wherein said middle section is provided with several contact tabs which are bent off at an angle such that they touch said housing with a sharp edge.
- 40        8. The plug connector according to Claim 1, wherein said first type of contact is a socket insert.

9. The plug connector according to Claim 1, wherein said support plate is freely placed in said accommodation chamber and indirectly secured by means of a fixing screw which right through said housing engages into said first type of contact mounted to said support plate.
- 5        10. The plug connector according to Claim 1, wherein said support plate is a circuit board.
11. The plug connector according to Claim 1, wherein said housing has a mounting flange.